

**Abstract**

1 A method of providing a plurality of secure computer  
environments in a shared computer system includes  
5 providing the shared computer system having a plurality  
of computers and at least one virtual local area network  
switch connected to the plurality of computers. A  
plurality of client connection ports is connected to the  
virtual local area network switch. A configuration  
10 engine is electrically connected to the at least one  
virtual local area network switch. The configuration  
engine includes computer readable program code for  
configuring the at least one virtual local area network  
switch. The configuration engine configures the at least  
15 one virtual local area network switch to connect each of  
the plurality of client connection ports to at least one  
of the plurality of computers while isolating the  
plurality of client connection ports from one another.  
Each of the client connection ports may thus be connected  
20 to at least one of the plurality of secure computer  
environments on the plurality of computers.